

A TRIGGER ASSEMBLY

ABSTRACT

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A trigger assembly which enables trigger actuation to be effected using a smaller amount of applied force than previously known, which has a simple and inexpensive construction and an assembly which without the need for expensive and time-consuming maintenance continuously can be used in sport events. The assembly includes a ram arranged for sliding to and fro in an associated guidance between a retracted position and an advanced position where the ram acted on by a compression spring is opening a gas valve, and a pivotable sear arranged for in a first position to hold the ram in retracted position by means of a first hook of the sear engaging a second hook of the ram and in another position to release said engagement. The trigger assembly further includes a supporting device for in a first position to support the sear in its first position and in a second position to allow the sear to pivot from the first to the second position, and an arrangement which by activating the trigger drives the supporting device from its first to its second position. The invention can be applied to rifles, air rifles, air hand guns, paint ball guns, toy guns and the like and can be attached to or removed from a gun with great ease and can be used by all persons, not least persons with weak hands or fingers.

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